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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SK, SL,
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(54) Title: CHITOSAN PRODUCTION

(57) Abstract: The invention provides a method of producing chitosan using pressures greater than 0 PSIG. The invention also provides fungal chitosan compositions.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/10560

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C08B 37/08
US CL : 536/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 536/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
none

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 400 364 A2 (FARHISPANIA S.A.) 05 December 1990 (05.12.1990), see column 1, lines 21-33 and column 2, lines 31-42.	1-8
Y	US 4,978,381 A (HADWIGER) 18 December 1990 (18.12.1990), see column 2, lines 48-61.	9 and 10
Y	ARCIDIACONO, S. ET AL. Molecular Weight Distribution of Chitosan Isolated from Mucor rouxii under Different Culture and Processing Conditions. Biotechnology and Bioengineering 1992, Volume 39, pages 281-286, see Conclusions on page 286.	9 and 10

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application, but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

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INTERNATIONAL SEARCH REPORT

PCT/US03/10560

Continuation of B. FIELDS SEARCHED Item 3:

databases: USPAT, US-PGPUB, and DERWENT on EAST

search terms: chitin, chitosan, polyglucosamine, (poly near3 glucosamine), fungus, fungal, fungi, aspergillus, candida, mucor\$, penicillium, "molecular weight", dalton